

VERSION WITH MARKINGS TO SHOW CHANGES MADE IN THE CLAIMS:

Claims 55 and 69 have been cancelled.

Claims 47, 56, and 62 have been amended as follows:

47. (amended) An apparatus for forming lightweight concrete building units, comprising:

at least one mold configured for receiving a batch of a lightweight cement slurry therein and for forming at least one building unit;

an ingredient measuring apparatus configured for measuring each of a plurality of ingredients to form the batch;

a cement slurry mixing apparatus configured for receiving the plurality of ingredients from the ingredient measuring apparatus, for mixing the plurality of ingredients into the batch, and for pouring the batch into [said] at least one mold, wherein said cement slurry mixing device comprises a vessel rotatably mounted proximate a longitudinal axis thereof to a support frame and including a first drive motor coupled thereto for rotating said vessel to dump a batch contained therein and a second drive motor coupled to said vessel for rotating mixing paddles within said vessel and mixing the batch contained therein; and

a slurry delivery apparatus configured for transporting said cement slurry mixing apparatus to a position proximate said at least one mold so that the batch slurry can be delivered from said cement slurry mixing apparatus to said at least one mold.

56. (amended) The apparatus of claim 47, wherein said cement slurry mixing device further includes an elongate spout which extends along a substantial length of said vessel for dispensing the batch when the vessel is rotated with said first motor.

62. (amended) An apparatus for forming lightweight concrete building units, comprising:

a plurality of molds, each configured for receiving a batch of an aerated cement slurry therein and forming a plurality of building units from each batch;

an automated ingredient measuring apparatus configured for weighing each of a plurality of dry ingredients to form a batch;

a foam generator for feeding a metered amount of foam for each batch;

a water source for supplying a metered amount of water for each batch;

a vessel positionable beneath said measuring apparatus configured for receiving the plurality of dry ingredients from the automated ingredient measuring apparatus, the foam from said foam generator and the water from said water source, said vessel having mixing paddles therein for mixing the plurality of dry ingredients, the foam and the water into a batch of lightweight cement slurry, wherein said vessel is rotatably mounted proximate a longitudinal axis thereof to a support frame and includes a first drive motor coupled thereto for rotating said vessel to dump a batch contained therein and a second drive motor coupled to said vessel for rotating said mixing paddles; and

a slurry delivery apparatus associated with said vessel capable of delivering a batch of lightweight cement slurry to each of said plurality of molds.